



An initiative by GROWTH-POINT PROPERTIES



In collaboration with

Western Cape Government  
Education



In collaboration with  
Province of the  
EASTERN CAPE  
EDUCATION



## GROWSMART MATHS COMPETITION 2018

### INFORMATION FOR PARTICIPATING SCHOOLS:

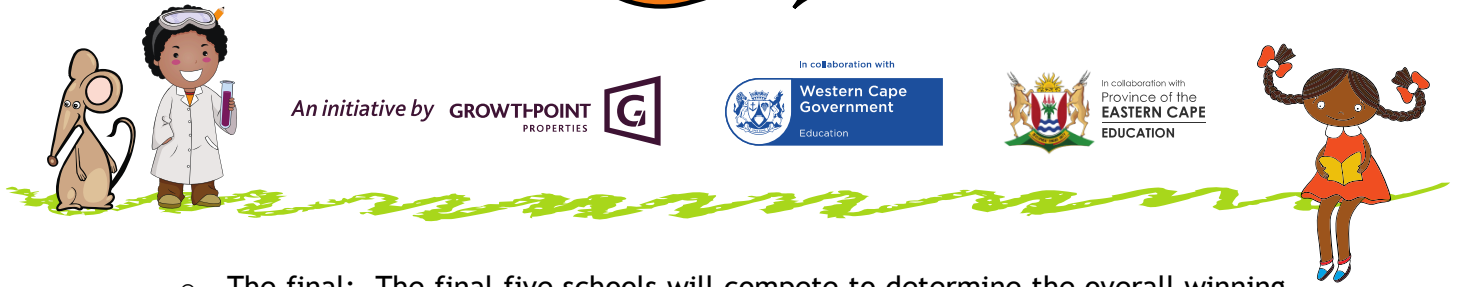
#### Introduction

Growsmart is an inter-school Literacy, Maths, Science, Story writing and Debating competition for learners in Grades 4, 5 and 6. It is a Growthpoint Properties corporate social responsibility initiative and is supported by the Western Cape Education Department. The broad purpose of the competition is to promote the importance of education in a practical and fun way that will benefit both the schools and their learners.

#### Growsmart Maths competition format

- The Maths competition is not compulsory.
- The Maths competition will run alongside the Growsmart literacy, science, debating and Story writing competitions, although it will be completely separate from it. The Maths competition will be for teams of three learners, from the participating Growsmart schools. They must not be the same learners as those competing in any other current Growsmart competitions, nor have competed in any previous Growsmart competitions.
- The competition rounds will take place at the same venue (Oude Molen Academy of Science and Technology) and on the same dates as the Growsmart Literacy competition. Therefore, the schools competing in the Literacy competition must ensure that their maths teams are present on the same day, along with their maths mentor.
- The competition will take place over four different competition levels on Saturdays.
  - Level 1: 90 teams compete to see who will advance to the next level. Each school will compete only once in Level 1. The winning teams will advance to Level 2.
  - Level 2: The teams compete to see who will advance to the semi-final. Each school will compete only once in Level 2. Eight winning teams will advance to the semi-final.
  - Semi-final: The teams compete to determine which five schools will advance to the final round.

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- The final: The final five schools will compete to determine the overall winning team and the second- and third-placed schools.

- To prepare for the competition, each team should practise the maths exercises in the Growsmart newspapers. The maths problems in the competition will be of a similar nature, but will not be the same problems as those in the newspaper.
- Teams will compete against each other for points, with the winning team going through to the next level of the competition, in the same way as the literacy competition. The points will be based on the number of maths problems they solve correctly. Part of the competition will be timed to see how many problems they solve correctly in, for example, one minute.
- A final information session for team mentors will be conducted at the Growsmart launch. The venue for the launch is Oude Molen Academy of Science and Technology from 14h00pm - 16h00pm.

Launch date:

- February 1 - South and Central
- February 2 - North and East
- Calculators may not be used during the competition. Notepads and pens will be provided for working out calculations.
- The relevant registration and indemnity forms must be completed and submitted to Corinne Swanepoel by 16 March 2018.
- Examples of maths problems

Some typical examples include the following:

- $45 + 4 =$
- $1\ 100 - 600 =$
- $150 \div 2 =$
- $\frac{5}{8} + \frac{2}{3} =$
- $40 \times 8 =$
- $625 \div 25 =$
- $525 \times 4 \div 4 =$
- $2^5 =$

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- 2 million, doubled 5 times =
- Three pencils and five books cost R44,00 altogether. One pencil and one book cost R10,00 altogether. What is the price of a book?
  - a) R6, 50      b) R7,00      c) R7,50      d) R8,00      e) R8,50
- The first, second and third place winners will receive prizes, courtesy of Growthpoint Properties.
  - 1<sup>st</sup> place
    - Approved educational assistance valued at R10 000 per learner
    - The mentor receives a R2 500 shopping voucher
  - 2<sup>nd</sup> place
    - Approved educational assistance valued at R8 000 per learner
    - The mentor receives a R1 000 shopping voucher
  - 3<sup>rd</sup> place
    - Approved educational assistance valued at R4 000 per learner
    - The mentor receives a R500 shopping voucher

Further details will be communicated to all the participating schools as we approach Level 1 of the competition. Should you have any queries at all, please don't hesitate to contact me on the cellphone number below. All the best!

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